Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 16 Dec 2021 until 23:59 on Friday 17 Dec 2021

Forecast Issued on Wednesday 15 Dec 2021 at 16:11

Confidence: High for largely dry, settled conditions throughout, but low for details of cloud, with a large area of high pressure becoming centred over the UK.

Headline for Thursday 16 Dec 2021: Mainly dry rather a lot of cloud in west, brighter at times in east.

Mountain weather hazards on Thursday 16 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG	FOG	FOG			
Cloudy	Fog	Fog	Fog	Fog	Cloudy	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 16 Dec 2021

Weather: Mostly cloudy across western hills with a little drizzle possible, but drier across the east with some decent clear or sunny spells developing. Risk of low level fog patches at first and again later in east.

Chance of cloud free mountain/hill tops above 600m: Little chance in west, but nearer 40% in east.

Visibility: Periods or persistent cloud above 450-600m in the west with patches below, but cloud more occasional at times in the east. Otherwise visibility good, occasionally very good in east, falling to several kilometres in drizzle and several hundred metres in any low level fog.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 16 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/20 SW	15/22 W	14/21 W	14/22 W	11/16 W	9/13 W	8/12 W	6/10 W	5/8 W
300	6/11 SW	8/13 SW	8/13 SW	8/14 W	7/10 W	5/9 W	3/8 W	3/6 W	3/6 W
Valley	2/9 SW	3/10 SW	3/10 SW	5/13 W	4/10 W	3/8 W	3/8 W	2/6 SW	2/5 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	5/1	5/1	6/2	6/2	5/2	5/2	4/2	4/2
300	7/5	7/5	8/5	7/5	8/6	8/6	7/6	7/6	6/5
Valley	6/5	6/5	7/6	7/6	8/7	8/7	7/6	7/6	6/5
Freezing Level*	1700m	2000m	2000m	1900m	1900m	1900m	1900m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures under clearer skies in east nearer plus 2 or 3 Celsius at dawn and again later in evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 15 Dec 2021	0mm	4.4mm	6.8mm

Forecast for Friday 17 Dec 2021

Weather: Some clear or sunny spells at first in east, but generally a cloudy, largely dry day, just a few spots of drizzle possible. Risk of low level fog at first in east

Maximum wind: Variable, becoming mainly easterly, less than 10mph

Chance of cloud free mountain/hill tops above 600m: Little chance in west, but nearer 60% at first in east.

Visibility: Periods or persistent cloud above 300-450m, but cloud more occasional at first in the east. Otherwise visibility rather hazy, but good or very good at first in east, but several hundred metres in any low level fog.

Temperature: **Valleys:** Plus 1 or 2 Celsius in east overnight, otherwise 6 or 7 Celsius
At 600m: Around plus 4 Celsius
Freezing level: Above the summits

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